

Federica Bertolotti is currently a Marie-Curie cofund fellow at the Aarhus Institute of Advanced Studies (Aarhus University, Denmark) with a project titled: *From the atomic structure to the nanocrystal morphology: a novel Unified X-ray Scattering approach for the characterization of nanomaterials*.

*Federica Bertolotti graduated in Chemistry at the University of Turin in 2009 and received her PhD in 2013 at the same University. Soon after she joined the To.Sca.Lab team at the University of Insubria (Como, Italy). She was a guest at Mendeleev University of Chemical Technology of Russia (Moscow, 2011) and at Columbia University (New York, 2017).*

*Her current scientific interests lie in the development and integration of characterization tools for nanoscaled materials based on Total Scattering techniques (in particular in reciprocal space, with the Debye Scattering Equation based approach), on their structural, microstructural and functional properties, with particular emphasis on crystal defectiveness.*

*Involved in synchrotron Total Scattering experiments with 10 large scale facilities experimental sessions engaged (some of them as co-proposer or main proposer) since 2013. Co-organizer of three international scientific workshops: To.Sca.Lake (2015) and To.Sca.Lake 2.0 (2017, Total Scattering for Nanotechnology on the Como Lake) in Como (Italy), NANOMAT@AU: Forefront methodologies and advances in nanomaterials characterization (2018, Aarhus University, Denmark).*

*Author of about 30 original publications in peer-reviewed journals. H-index = 7. Total citations = 284 (source: Scopus, September 2018). She has participated to about 20 international conferences with oral presentations (also as invited speaker).*